

## QUALITY ENGINEER 03 + YEARS

**Yogesh Devichand Pardeshi**

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## SUMMARY

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Effective technical and problem-solving skills.

## CAREER OBJECTIVE

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To ensure challenging position in a growing organization where I would be able to utilize my capabilities to the best extend and in the process add value to the organization and my career .

## SKILLS

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### Technical

Effective technical and problem-solving skills.

Good attention to detail.

Creativity.

Interpersonal and communication skills.

Presentation skills.

Good organisational skills.

## EXPERIENCE

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From: Jan-2018

### Discover axle India Pvt Ltd

Quality Engineer

Designing quality standards, inspecting materials, equipment, processes, and products, developing quality control systems, and determining corrective actions.

Feb-2021 - Till Today

### Satrac Engineer Pvt Ltd

Quality Engineer

PDI Engineer is responsibility for managing the overall process of functional and visual inspection of the vehicles before delivery to ensure it meets the customers' expectations.

## PROJECTS

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**Project Name: Biodiesel**

**Role:** Team leader

**Team Size:** 04

**Project Duration:** 1 Month

## Project Detail

Biodiesel was produced through transesterification of refined cotton seed oil with methanol and potassium hydroxide (KOH) as a catalyst using batch mode. The physicochemical properties of cotton seed oil and biodiesel as an alternative fuel for diesel engine was characterized through ASTM standards for fuel tests. The functional groups of the biodiesel were investigated using Fourier transform infrared spectroscopy. Influence of key parameters like reaction temperature, reaction time, catalyst concentration and methanol/oil molar ratio were determined using batch mode. These process parameters were optimized using response surface methodology (RSM) and analysis of variance (ANOVA). The significance of the different process parameters and their combined effects on the transesterification efficiency were established through a full factorial central composite design. The results obtained are in good agreement with published data for other vegetable oil biodiesel as well as various international standards for biodiesel fuel. An optimum yield of 96% was achieved with optimal conditions of methanol/oil molar ratio, 6:1; temperature, 55°C; time, 60min; and catalyst concentration, 0.6%. This investigation has shown that cotton seed oil from Nigeria can be used to produce biodiesel.

## EDUCATION

Degree/Course	Institute/ College	University/ Board	Percentage/ CGPA	Year of Passing
Diploma / Automobile	Marathwada Polytechnic	Maharashtra	70.7 % %	2017

## ACHIEVEMENTS

### Project

Active coordinator in the event Dipex Group of Project . ( States level ) Won a 2 nd Prize of Dipex Project .

Volkswagen company a completed a course of VG - TAP ( Volkswagen Technical Apprenticeship Program) .  
1 st Prize of Best Technical knowledge.

## STRENGTHS

Quality Of production. Quality maintain a job .

## AREAS OF INTERESTS

Quality

## HOBBIES

Reading Book , Cricket game , Football game ,

## COURSE

### Total Quantity Management course ( TATA Steel - E Learning )

Total quality management(TQM) describes a management approach to long-term success through customer satisfaction. In a TQM effort, all members of an organization participate in improving processes, products, services, and the culture in which they work.

## PERSONAL DETAILS

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Address	Rupali Appartment , Pcmc school , Keshavnager , Chinchwadgaon Pune, Maharashtra, 411017
Date of Birth	17 Oct 1996
Gender	Male
Nationality	Indain
Marital Status	Single
Languages Known	English , Hindi , Marathi .

## DECLARATION

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I hereby declare that the details mentioned above are true to the best of knowledge.



Yogesh Devichand Pardeshi